

**TRANSMITTAL  
FORM**

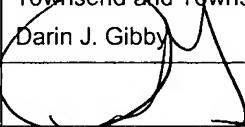
(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/728,108
		Filing Date	December 3, 2003
		First Named Inventor	Chou, Siaw Kiang
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	040184-000200US

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Townsend and Townsend and Crew LLP Darin J. Gibby	
Signature		
Date	March 29, 2004	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Signature		Date	March 29, 2004

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On March 29, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Connie Lamm



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Siaw Kiang Chou et al.

Application No.: 10/728,108

Filed: December 3, 2003

For: THERMOPHOTOVOLTAIC  
POWER SUPPLY

Examiner:

Art Unit:

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are not enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

MAILED 3 1 2004  
Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Darin J. Gibby  
Reg. No. 38,464

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DJG/cl  
60177239 v1

MAR 31 2004

PATENT &amp; TRADEMARK OFFICE

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	10/728,108
				Filing Date	December 3, 2003
				First Named Inventor	Chou, Siaw Kiang
				Art Unit	
				Examiner Name	
Sheet	1	of		Attorney Docket Number	040184-000200US

<b>U.S. PATENT DOCUMENTS*</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	US-4,776,895		10-11-88	Goldstein	
	AB	US-5,593,509		1-14-97	Zuppero et al.	
	AC	US-6,218,607		4-17-01	Mulligan et al.	
	AD	US-				
	AE	US-				
	AF	US-				
	AG	US-				
	AH	US-				
	AI	US-				
	AJ	US-				
	AK	US-				
	AL	US-				
	AM	US-				
	AN	US-				
	AO	US-				
	AP	US-				
	AQ	US-				
	AR	US-				
	AS	US-				
	AT	US-				

<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>				
	AU						<input type="checkbox"/>
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	AY						<input type="checkbox"/>
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	BA						<input type="checkbox"/>
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Examiner Signature		Date Considered
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

60177239 v1

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/728,108
(use as many sheets as necessary)				Filing Date	December 3, 2003
				First Named Inventor	Chou, Siaw Kiang
				Art Unit	
				Examiner Name	
Sheet	2	of		Attorney Docket Number	040184-000200US

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	BC	Ole M. Nielsen, et al., <i>A Thermophotovoltaic Micro-Generator for Portable Power Applications</i> , <i>Microsystems Technology Laboratories, Transducers '03</i> , The 12 <sup>th</sup> International Conference on Solid State Sensors, Actuators and Microsystems, Boston, June 8-12, 2003.		
	BD	W.M. Yang, et al., Design, Fabrication and Testing of a Prototype Microthermophotovoltaic System, Department of Mechanical Engineering, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260.		
	BE	Leonel R. Arana, et al., <i>Combustion-Assisted Hydrogen Production in a High-Temperature Chemical Reactor/heat Exchanger for Portable Fuel Cell Applications</i> , <i>Transducers '03</i> , The 12 <sup>th</sup> International Conference on Solid State Sensors, Actuators and Microsystems, Boston, June 8-12, 2003.		
	BF	Leonel R. Arana, et al., <i>A Microfabricated Suspended-Tube Chemical Reactor for Fuel Processing</i> , Dept. of Chemical Engineering, Massachusetts Institute of Technology, Cambridge MA 02139.		
	BG	Janet L. Pan, <i>Very Large Radiative Transfer over Small Distances from a Black Body for Thermophotovoltaic Applications</i> , <i>IEEE Transactions on Electron Devices</i> , Vol. 47, No. 1, January 2000.		
	BH	A. Carlos Fernandez-Pello, <i>Micro-Power Generation Using Combustion: Issues and Approaches</i> , Prepared for presentation as a Topical Review at the Twenty-Ninth International Symposium on Combustion, July 21-26, Sapporo, Japan.		
	BI	S. Whalen, et al., <i>Design, Fabrication and Testing of the P<sup>3</sup> Micro Heat Engine</i> , <i>Sensors and Actuators</i> , A 3649, pages 1-9, 2003.		
	BJ	A. H. Epstein, et al., <i>Micro-Heat Engines, Gas Turbines, and Rocket Engines - The MIT Microengine Project</i> , American Institute of Aeronautics and Astronautics, 1997.		
	BK	Lars Sitzki, et al., <i>Combustion in Microscale Heat-Recirculating Burners</i> , The Third Asia-Pacific Conference on Combustion, June 24-27, 2001.		
	BL			
	BM			

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.